

U. S. Department of Agriculture  
Bureau of Agricultural Economics  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Inspection  
Division of Agr'l. Statistics  
and  
Agricultural Extension Service  
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 9-19-50 - 11:00 A.M.

Week Ending 9-18-50

WEATHER Temperatures averaged about 5° below normal, with unseasonably cool weather until near the end of the week, when temperatures rose to above normal. There was much cloudy weather, with high humidity. Rainfall ranged from very heavy in the southern portion of the Panhandle to little or none in the extreme east.

CROPS A recent field survey of corn in the eastern third of the state, in which 151 fields were inspected, revealed that 35% of the corn was in the denting stage, 45% hard dough, 17% soft dough and 4% in milk. Thus, on the basis of normal weather and usual maturity progress, 80% or more of the corn will be safe from frost by October 1, and if frost does not occur until October 10, it is likely that less than 4% will be damaged. There is considerable variation in the stage of maturity within fields, ranging from milk to denting stage.

About 40% of the winter wheat crop was seeded up to last Saturday. Percentages seeded by districts are as follows: west 83%, north central 60%, northeast 30%, central 42%, east central 13%, southwest 62%, south central 33% and southeast 23%. Merrick county reported a field of wheat being seeded within two miles of a field of Pawnee wheat that was being combined and yielding 21 bushels per acre.

While the rain of the past week was very substantial in the western two-thirds of the state, except extreme south central Nebraska, the amount was especially heavy in the Panhandle, where the need was the greatest. Only a small amount of wheat was seeded in the Panhandle last week because of continued rain. Kimball county reported 3.13 inches of rain. Precipitation was light in the eastern third of the state, where only a small percent of the wheat had been seeded.

Pastures and alfalfa in the western two-thirds of the state benefited greatly from the rains, as those crops were needing rain. The rains were of benefit to sorghum, but the crop is late and frost may do some damage. Continued rains last week delayed the harvesting of dry edible beans. Some of the late potato harvest was delayed for the same reason.

About 80% of the grasses and 88% of the fall alfalfa seeding was completed by the close of last week. About two-thirds of the rye has been seeded, much of it in the corn fields. Rains of the past week were needed badly for the fall seeded alfalfa and grasses which were coming nicely.

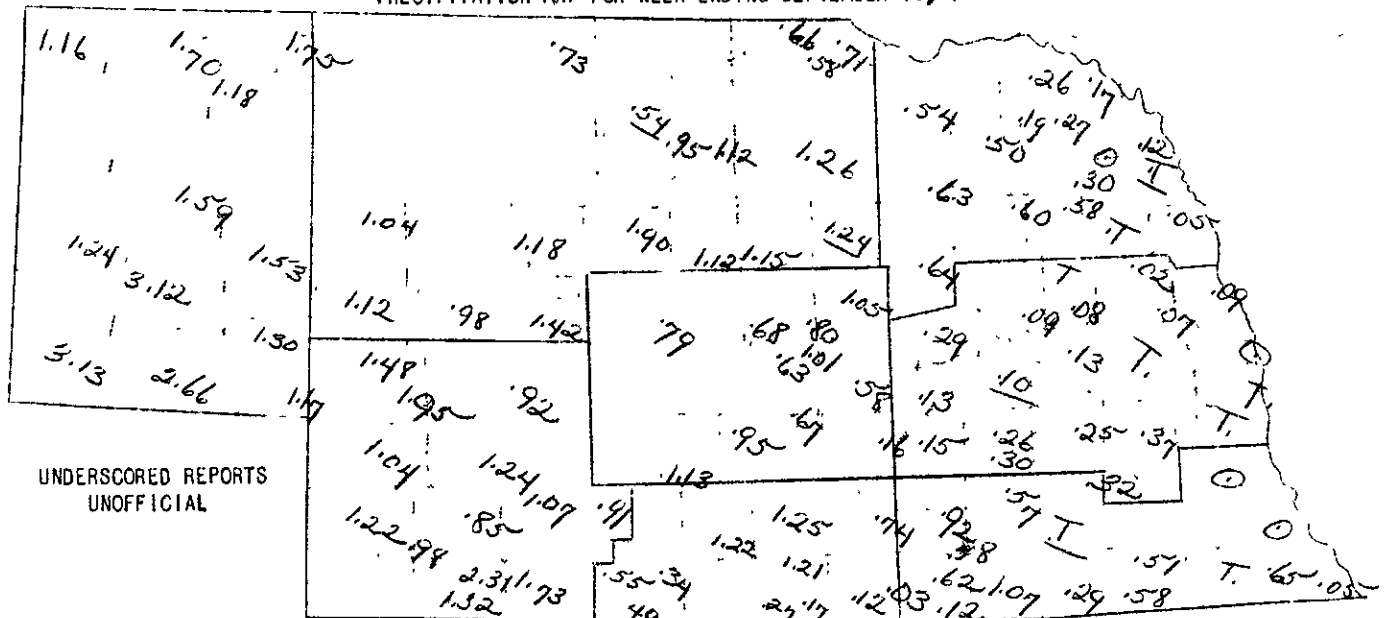
The estimate of sweet clover seed totals 138,000 bushels of thresher-run seed, or around 2½ times last year's crop and also the 10-year average. The Nebraska crop is about 10% of the national sweet clover seed this year of 1,318,000 bushels. The average loss in cleaning this year is 24.6%. The national production of brome grass seed is three times that of the past year and crested wheat grass seed is 5% larger than last year's crop.

LIVESTOCK Pastures in the western two-thirds of the state were improved by the rains of the past week. Dundy county reported many cases of screw worm. Webster county reported losses from cholera and necro. Northeast Nebraska seems to have a much larger percentage of Chester White pigs than in the past. Nebraska commercial chick hatchings amounted to 25,775,000 chicks January through August, against 27,630,000 chicks for the same period in 1949. While the national production for August was the highest of record, the total production is only slightly higher than for the same period last year.

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9-19-50

# PRECIPITATION MAP FOR WEEK ENDING SEPTEMBER 15, 1950



## HIGHEST AND LOWEST TEMPERATURES (FOR 24 HOURS ENDING 6:30 A.M.)

		SEPTEMBER		12TH		13TH		14TH		15TH		16TH		17TH		18TH	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	51	42	63	44	50	47	76	45	57	47	55	49	81	56		
	SCOTTSBLUFF	51	43	59	45	49	48	67	46	56	48	56	54	78	54		
N-C	SIDNEY	53	43	58	44	52	49	—	44	54	46	57	53	75	56		
	BURWELL	58	35	—	—	62	45	71	56	65	45	64	53	71	63		
NE	VALENTINE	53	46	53	43	57	47	66	49	58	49	61	54	72	63		
	NORFOLK	60	39	62	40	87	51	75	53	61	53	69	53	77	64		
CEN.	SIOUX CITY	59	41	63	43	71	48	76	50	76	51	76	49	80	64		
	GRAND ISLAND	60	37	60	47	63	46	75	59	70	58	67	52	77	65		
E-C	LINCOLN	60	41	67	45	71	49	76	55	72	61	72	53	79	68		
	OMAHA	58	42	62	46	69	48	75	50	73	60	75	54	81	66		
SW	HAYES CENTER	62	45	53	49	55	49	62	52	73	53	60	58	77	61		
	NORTH PLATTE	60	42	51	47	58	48	62	53	68	53	60	58	74	64		

## WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING SEPTEMBER 18, 1950

EASTERN DIVISION		EASTERN DIV., CONT'D.		CENTRAL DIVISION		WESTERN DIVISION	
ALBION	.64	HASTINGS	.74	BROKEN BOW	.79	ALLIANCE	1.47
AUBURN	0	LINCOLN	.37	BURWELL	1.31	CHADRON	.87
BEATRICE	.51	NORFOLK	.60	CAMBRIDGE	.55	CULBERTSON	2.31
COLUMBUS	.13	CAKDALE	.67	HOLDREGE	1.22	HAYES CENTER	.88
FAIRBURY	.26	OMAHA	0	NORTH LOUP	.60	KIMBALL	2.45
FAIRMONT	.57	RED CLOUD	.12	NORTH PLATTE	1.50	SCOTTSBLUFF	1.78
FALLS CITY	.02	ST. PAUL	.57	O'NEILL	2.17	SIDNEY	2.26
FREMONT	.07	TEKAMAH	.06	RAVENNA	0.70		
GRAND ISLAND	.16	WAKEFIELD	.12	VALENTINE	0.63		
HARTINGTON	.26	YORK	.26				
AVERAGE THIS WEEK		0.81		1.08		1.72	
TOTAL SINCE APRIL 1		22.07		19.57		11.96	
NORMAL SINCE APRIL 1		19.57		16.54		13.22	

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)